

Sustainability Highlights FY 2020

The Bonneville Power Administration's Sustainability Office drives resource efficient policies and practices that deliver long-term, quantifiable value for BPA and its stakeholders.

It fosters employee engagement and intra-agency coordination while ensuring compliance with federal mandates.

The office supports the strategic goals laid out in the BPA 2018–2023 Strategic Plan by conserving resources, increasing operational efficiencies and lengthening the lifespan of assets — ultimately leading to strengthened financial health and competitiveness.

For up-to-date information on the agency's sustainability efforts, metrics, articles and more, visit www.bpa.gov/sustainability.



2020 AWARDS

Department of Energy Sustainability Award

Outstanding Sustainability Program

Dual awards honored BPA's Utility Management Program. Since its founding in FY 2014, the program has reduced the agency's energy consumption by 4.8 million kilo-British thermal units, saved 7.5 million gallons of water and prevented millions of dollars in utility costs.

Environmental Protection Agency Federal Green Challenge Award

Innovation

Environmental Protection Agency Federal Green Challenge Award

Waste (regional)

Celebrated a 13.8% increase from FY 2018 to FY 2019 in BPA's recovery rate, the amount of waste diverted away from the landfill and into recycling, compost or reuse programs. This is the agency's fourth EPA award for exceptional waste practices since 2015.

Environmental Protection Agency Federal Green Challenge Award

Water (regional)

Presented to BPA for its water reduction efforts in FY 2019. Over the course of the year, BPA reduced water consumption by 4 million gallons, a 13% savings from the year prior.

A DIFFERENT YEAR IN REVIEW

Sustainability metrics

2020 was unlike any other year, and BPA's sustainability metrics reflect this. The Sustainability Office tracked the impacts of the COVID-19 pandemic on sustainability performance and promoted appropriate sustainable policies and practices to a mostly remote workforce. While BPA saw drastic reductions in environmental impacts in several performance areas, our footprint grew in others.

ENERGY AND WATER CONSUMPTION



Operational changes due to the pandemic majorly impacted BPA's energy and water consumption.



Per Centers for Disease Control and Prevention guidelines, BPA maximized the use of outside air in its occupied facilities, leading to increased heating needs. **Workforce safety is BPA's highest priority**, so it is likely this level of consumption will continue through the duration of the pandemic.

PAPER USE



48% ↓

PAPER CONSUMPTION

from 9.2 million sheets (letter-size equivalent) to 4.8 million.

Pre-pandemic, the agency relied on paper for many administrative tasks and communications. Almost overnight, BPA transitioned to near-paperless operations, successfully implementing:

- Electronic signatures for most administrative documentation.
- Electronic submission of some types of financial documentation, including monthly expense reports.
- New standards for meeting materials, including links to any pre-read documentation and links sharing through video conferencing programs.

ADDITIONAL METRICS

Category	Unit	FY 2019	FY 2020	% Change
WASTE				
Waste Recovery*	Percent	92%	92%	0%
OFFICE SUPPLY PURCHASES				
EPEAT-Registered Electronics**	Units	911	3,493	283%
Non-EPEAT Registered Equipment	Units	9	0	-100%
POLLINATORS				
Habitat Planted or Enhanced	Acres	22,336	39,021	75%
FUGITIVE EMISSIONS				
Sulfur Hexafluoride (SF6)***	Pounds	4,703	2,530	-46%

* Recovery rate: The percentage of waste that is diverted away from the landfill by recycling, reusing or composting.

** EPEAT is an environmental monitoring and labeling initiative of the Global Electronics Council covering products and services from the technology sector.

*** Reported on a calendar-year basis.